

81/Bom/82. Nandan Ramdas Chittal. One-piece circular blade for fans.

3rd April 1982

82/Bom/82. Gangaram Chander Waghmare. Ligh emitting footwear.

83/Bom/82. Haridas Jagannath Patil Comb-brush with trough.

5th April 1982

84/Bom/82. Sudhu Malhotra. Gas meter for measuring the amount of gas consumed by low pressure gas stoves.

85/Bom/82. Dr. Shantilal K. Sanghani. A trailer attachable to transport vehicles.

7th April 1982

86/Bom/82. Jayesh Rameah Bellare & Arvind Pandurang Kudchadkar. Instrument for the continuous and automatic measurement of refractive index and for recording and control of a physico-chemical process dependent on refractive index.

87/Bom/82. Madhav Vasudeo Kunte. Wind mill with cyclic pitch control of its vane (blades) during their revolution about the axis of the mill.

8th April, 1982

88/Bom/82. Parson Industries. A method for introducing magnesium in vapour form through molten metals.

89/Bom/82. Voltas Limited. A device for use in fluid system for circuit for permitting fluid flow in one direction upto a set limit and free fluid flow in the opposite direction and a fluid system or circuit containing the same.

90/Bom/82. Mistubishi Denki Kabushiki Kaisha. Distance relay.

91/Bom/82. Marathe Research Foundation Threshold relay.

92/Bom/82. Nirmal Pannalal. A welding rod holder.

93/Bom/82. Marathe Research Foundation. Single lap transverse feed system for blow room.

12th April 1982

94/Bom/82. Jyoti Limited. An apparatus and method for manufacturing accurate parabolic shapes.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002.

21st April, 1982

79/Mas/82. Automac (Madras) Private Limited. A soldering machine.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/-

(postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copyng charges per page are Rs. 4/-.

CLASS—195B & G.

149926.

Int. Cl. F16K 11/14.

MULTIWAY VALVE USED IN PNEUMATIC CONTROL SYSTEMS.

Applicants : FESTO-MASCHINENFABRIK GOTTLIEB STOLL, OF ULMER STRASSE 48, ESSLINGEN A.N., WEST GERMANY.

Inventors : KURT STOLL AND JAN R. DEFRIES.

Application No. 516/Cal/78 filed May 12, 1978.

Convention date December 22, 1977 (53418/77) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A multiway valve used in pneumatic control systems including a movable partition defining a main valve chamber wherein a main valve body is supported in an axially adjustable manner, and a control valve chamber wherein is located a control valve body which is actuated from externally of the valve, the partition having its outer circumference anchored in the valve and being secured to the main valve body, on operating line and a pressure line which open into the main valve chamber, the pressure line, depending on the position of the main valve body, selectively communicating with, or being isolated from, the operating line, a connecting line, which is open to the pressure line, and which extends through the main valve body from a first end thereof adjacent to the pressure line, into the control valve chamber, a tube located in the connecting line in the main valve body and having at one end a seating surface for the control valve body, the tube being biased towards a predetermined end position in one direction of movement towards the control valve body, but being movable in the opposite direction of movement, a control exhaust line in the control valve chamber which is closed when the control valve body assumes a first end position opening the connecting line, the control valve body opening the control exhaust line when assuming its second end position on the tube seating surface closing the connecting line, and the area of the partition to which pressure is applied from the side thereof facing the control valve chamber exceeding the area on the main valve body to which pressure is applied in the opposite direction, said side of the partition being unrestrained.

Comp. Specn. 15 Pages. Drg. 1 Sheet.

CLASS—32A^a & 32F₁

149927.

Int. Cl. C07d 27/48; C09b 57/00.

PROCESS FOR THE PRODUCTION OF ISO-INDOLINE COMPOUNDS.

Applicants : SANDOZ LTD., OF LICHTSTRASSE 35, 4002 BASLE, SWITZERLAND.

Inventor : DIMITRIOS KARANATSIOS.

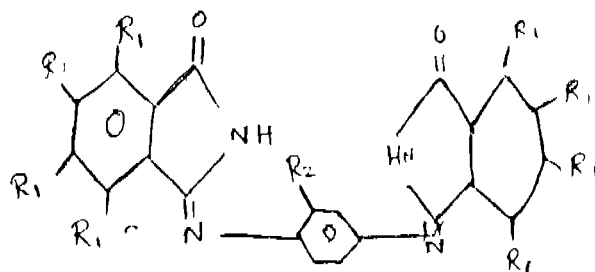
Application No. 763/Cal/78 filed July 11, 1978.

Convention date 12th July, 1977 (29195/77) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

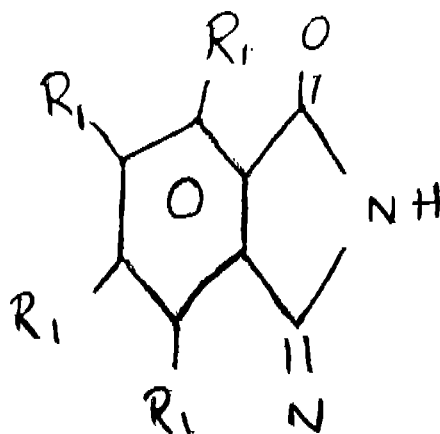
5 Claims.

A process for the production of a compound of formula I.



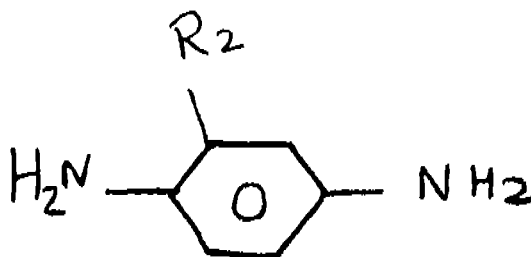
Formula I

wherein R₁'s six independently, are chloride or bromine, and R₂ is fluorine, chlorine, bromine, methyl, ethyl, ethoxy or trifluoromethyl, comprising reacting two moles of a compound of formula II



Formula II

wherein X is NH, S, Cl⁻ or (OR)_n, where R is alkyl and R₁'s are as stated above, with one mole of a compound of formula III:



Formula III

where R₂ is as stated above.

Compl. Specn. 7 Pages. Drg. 1 Sheet.

CLASS—63J & 126A

149928.

Int. Cl. H02K 7/08.

IMPROVEMENTS IN MECHANICAL ASSEMBLIES PARTICULARLY BEARING ASSEMBLIES EMPLOYING A SENSING MEANS FOR SENSING MOTION OR POSITION.

Applicants: RANSOME HOFFMANN POLLARD LIMITED, OF NEW STREET, CHELMSFORD ESSEX CM1 1PU, ENGLAND.

Inventors: EDWARD JOHN BLOOM FIELD AND FREDERICK SYDNEY PENMAN.

Application No. 785/Cal/78 filed July 15, 1978.

Convention date 22nd July 1977 No. 30895/77) (U.K.) and 14 Dec. 77 (52119/77) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

25 Claims.

A mechanical assembly particularly a bearing assembly, employing sensing means for sensing positional relationships or motion, said assembly comprising first and second relatively movable parts, means mounted directly or indirectly to the first part for movement therewith with the sensing means being mounted directly or indirectly to the second part for sensing the movement of the means mounted to the first part in relation to the second part; wherein the sensing means employs an inductive element or sensor, oscillatory circuit means for directly energising the inductive element to create a magnetic field which is influenced by the passage of said means mounted to the first part and means for producing a signal dependent on said influence and indicative of said movement of the first part.

Compl. Specn. 26 Pages. Drg. 6 Sheets.

CLASS—32E & F_a & F_{2c}.

149929.

Int. Cl. C07C 9/04; C08g 22/00.

IMPROVED PROCESS FOR PREPARING ORGANIC ISOCYANATES.

Applicants: MITSUI TOATSU CHEMICALS, INCORPORATED, OF NO. 2-5, KASUMIGASEKI 3-CHOME CHIYODA-KU, TOKYO, JAPAN.

Inventors: RYUICHI YAMAMOTO, KOUSUKE YAMAMOTO, TERUYUKI NAGATA AND KENJI OBATA.

Application No. 1160/Cal/78 filed 26th Oct, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

In a process for preparing an organic isocyanate including a reacting an organic amine with phosgene to yield a reaction product containing the corresponding organic isocyanate and subjecting said reaction product to purification, the improvement which comprises passing hydrogen chloride gas through said reaction product in the presence of an inert organic solvent as herein described the concentration of said react product in said inert organic solvent being from 3 to 50% by weight whereby the gas included in said reaction product is removed and the acid substances and hydrolyzable chlorine-containing substances included therein are minimized.

Compl. Specn. 18 Pages. Drg. Nil.

CLASS—108C.

149930.

Int. Cl. C21C 1/08.

MELT PROCESSING APPARATUS WITH TILTABLE MELT RECEPTACLE.

Applicants: GEORG FISCHER AKTIENGESellschaft, SCHAFFHAUSEN, SWITZERLAND.

Inventor: HANS-LUSTENBERGER.

Application No. 1269/Cal/78 filed 23rd November, 1978.

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claims.

A melt processing apparatus having an elongated processing receptacle tiltable about a generally horizontal axis extending perpendicular to the longitudinal axis of said receptacle for producing iron-carbon melt with nodular graphite, the apparatus comprising: a generally horizontally extending beam directly coupled to and supporting the receptacle, said receptacle and said beam generally being in the same horizontal plane; a vertical column; and means for supporting said beam on said column, said supporting means being arranged at least partially underneath said beam for vertical movement thereof along the column, said beam, said supporting means and said receptacle being swivelable as a unit about the longitudinal

axis of said column, said supporting means including weighing means for measuring the weight of said beam and said receptacle.

Compl. Specn. 17 Pages. Drg. 5 Sheets.

CLASS—61A & H. 149931.

Int. Cl. A23f 3/00; 3/04.

MACHINE FOR EFFECTING WITHERING OF TEA LEAVES.

Applicants: SOMNATH ROY, OF 229 B. N. ROAD, CALCUTTA-60, STATE OF WEST BENGAL, INDIA.

Inventor: SOMNATH ROY.

Application No. 636/Cal/79 filed 20th June, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A machine for withering of tea leaves or other vegetable material comprising: a closed trough divided into an upper chamber and a lower chamber by means of a perforated bed extending along the length of the trough, an expansion chamber at each end of the trough, said expansion chambers being generally of frusto-conical section with their wider ends communicating with the trough, the outer ends of the said expansion chambers communicating respectively with one or more reversible fans, a damper provided in each expansion chamber being pivoted along one side to said perforated bed and adapted to be moved from one operative position to another operative position such that in one position of each of the dampers the air is caused to flow through the said perforated bed and/or the leaves from the chamber to the upper chamber and in another position of each of the dampers the air is caused to flow through the said perforated bed and/or the leaves from the upper chamber to the lower chamber.

Compl. Specn. 11 Pages. Drg. 1 Sheet.

CLASS—61A. 149932.

Int. Cl. A23f 3/00.

A PRECONDITIONING DEVICE FOR TEA LEAVES.

Applicant & Inventor: SOMNATH ROY, OF 229 B. N. ROAD, CALCUTTA-60, STATE OF WEST BENGAL, INDIA.

Application No. 637/Cal/79 filed 20th June 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A preconditioning device to be used as an attachment with a tea drying machine or to be installed between a fermenting machine and tea drying machine for the purpose of reducing the moisture content of the tea leaves comprising an enclosed main chamber having within it a fluidizing chamber, a fixed grid plate with perforations fitted within the chamber and forming the bed of the fluidising chamber, a feed inlet for feeding the tea leaves to be treated to the fluidising chamber, the space below the fluidising bed communicating with duct for the supply of air under pressure, means provided below the grid plate for regulating the volume of heated air which is made to pass through the grid plate and a discharge opening for the treated leaves to be removed after treatment in the fluidising chamber.

Compl. Specn. 10 Pages. Drg. 1 Sheet.

CLASS—172D₇. 149933.

Int. Cl. D01h 13/04.

GUIDING MEANS FOR COLLECTING FIBRE NAPS FROM TEXTILE FIBRE DRAW ROLLERS AND FORMING ROVINGS THEREFROM.

Applicants: TRUTZSCHLER GMBH & COMPANY, KG, DUVENSTR. 82-92 D-4050 MONCHENGLADBACH-3. FEDERAL REPUBLIC OF GERMANY.

Inventor: HERR DR. ULRICH VOLLRATH.

Application No. 902/Cal/79 filed 29th Aug. 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

Guiding means for collecting fibre naps from textile fibre draw rollers and forming rovings therefrom, comprising a deflector straddling the roving and having its upper longitudinal edge disposed immediately adjacent the upper roller characterised in that the lower longitudinal edge of the deflector is spaced away from the lower roller.

Comp. Specn. 8 Pages. Drg. 2 Sheets.

CLASS—152E. 149934.

Int. Cl. B29b 1/00.

A PROCESS FOR MAKING THERMOPLASTIC MOULDING MATERIALS.

Applicants & Inventor: SANJOY ROY, C/O M. ROY, 81/A, MANICKTALA STREET, CALCUTTA-700006, WEST BENGAL, INDIA.

Application No. 1239/Cal/79 filed November 26, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

A process for making thermoplastic moulding material characterised in that a mixture of shellac, a binder such as resin or wood rosin or a mixture thereof, a filler such as aluminium oxide silica, carbon black or a mixture of substance thereof a plasticiser such as castor oil, glycerine, dibutyl phthalate or a mixture of substances thereof and a whitening agent like titanium dioxide in appropriate proportions is homogenised well in a mixer by heating them at a temperature of from 100-200°C to get a jelly-like molten mass, which is extruded into fine sticks, cooled and then shredded into small pieces to obtain the material in the form of opaque-white granules which may be additionally coloured to the desired shade by adding organic dyestuffs or inorganic colouring materials.

Compl. Specn. 7 Pages. Drg. Nil.

CLASS-32F₃(d) 149935.

Int. Cl. C07C 175/00.

IMPROVED PROCESS FOR THE PREPARATION OF PURE β -IONONE.

Applicants:—COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAJ MARG, NEW DELHI-1, INDIA.

Inventors:—CHAKRABORTY DEVAKUMAR, SRINIVASAIYER RAMESH AND DR. GOPAL RAO MALLA-VARAPU.

Application No. 473/Del/78 filed 24th June 1978.

Complete specification left 5th September 1979.

Appropriate Officer for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Delhi Branch.

4 Claims. No drawings.

An improved process for the preparation of pure β ionone from lemongrass oil which comprises the preparation of pseudo ionone by condensation of lemongrass oil acetone in the presence of an alkali followed by conversion of pseudo ionone to β ionone in the presence of an acid catalyst characterised in that the conversion reaction is carried out in the presence of n-hexane as a solvent at a temperature of upto 5°C and that the solvent hexane is recovered for reuse.

Compl. Specn. 7 Pages.

Drg—Nil.

OPPOSITION PROCEEDINGS

(1)

The opposition entered by M/s. Cemendia Ltd., to the grant of a Patent on application for Patent No. 140412 made by M/s. Chiyoda Chemical Engineering & Construction Company Ltd. notified in the Gazette of India, Part-III, Section 2 dated the 28th May, 1977 has been dismissed and the application for patent allowed subject to amendment in the specification.

(2)

An opposition has been entered by Arudra Engineers Private Limited to the grant of a patent on application for Patent No. 149275 made by Ion Exchange (India) Ltd.

PATENTS SEALED

143633 148397 148716 148853 148906 148940 149005 149035
149069 149138 149140 149141 149157 149158 149187 149246
149260 149273 149274 149299 149306 149308.

COMMERCIAL WORKING OF PATENTED INVENTION

CHEMICAL LIST V.

The following Patents in the field of Chemical Industry are not being commercially worked in India as admitted by the Patentees in the statements filed by them under section 146(2) of The Patents Act, 1970, in respect of Calendar year, 1980, generally on account of want of requests for Licence to work the 'Patented inventions'.

Persons who are interested to work the said Patents commercially may contact the Patentees for the grant of Licence for the purpose.

| Sl.No. | Patent No. | Date of Patent | Name and address of Patentees | Title of the invention |
|--------|------------|----------------|---|--|
| 1 | 2 | 3 | 4 | 5 |
| 1. | 119063 | 17-12-1968 | LAPORTE TITANIUM LTD., Hanover House, 14, Hanover square, London W 1, England. | Improvements in or relating to the manufacture of titanium dioxide. |
| 2. | 122947 | 28-08-1969 | DAIICHI SEIYAKU CO. LTD., 1-2, 3-chome Edobashi chuo-ku, Tokyo, Japan. | Method of preparing Comenic acid and derivatives thereof. |
| 3. | 126512 | 05-05-1970 | LANKRO CHEMICALS LTD., Emerson House, Albert Street, Eccles, Manchester, M 30 0LJ, England. | Stabilizer composition for asbestos-filled polypropylene polymers. |
| 4. | 126547 | 06-05-1970 | DEGUSSA, 9, Weisshof, rauenstrasse, Frankfurt (main), West Germany. | Replenishment of the salts used in carbonization process carried out in a salt bath. |
| 5. | 126626 | 12-05-1970 | AMERICAN CYNAMID COMPANY, Wayne, New Jersey, U.S.A. | Absorbable polyglycolic acid filaments useful as a suture of enhanced in vivo strength retention, and method and apparatus for preparing same. |
| 6. | 127352 | 01-07-1970 | UNION CARBIDE CORPORATION, 270, Park Avenue, New York, State of New York 10017, U.S.A. | Biochemical oxidation with low sludge recycle. |
| 7. | 127353 | 01-07-1970 | Do. | Bio-oxidation with low sludge yield. |
| 8. | 127354 | 01-07-1970 | Do. | Staged oxygenation of water containing biochemically active oxidizable material. |
| 9. | 127355 | 01-07-1970 | UNION CARBIDE CORPORATION, 270, Park Avenue, New York, state of New York 10017, U.S.A. | Method for treating water containing biochemically oxidisable material. |
| 10. | 127399 | 04-07-1970 | TENCO BROOKE-BOND LTD., 35, Canon Street, London EC 4, England. | Process for the enzymatic solubilization of tea cream. |
| 11. | 127512 | 13-07-1970 | UNITED KINGDOM ATOMIC ENERGY AUTHORITY, 11 Charles II Street, London SW 1, England. | Method of producing a membrane assembly and an apparatus for use therein. |
| 12. | 127513 | 13-07-1970 | Do. | Reverse osmosis membrane assemblies. |
| 13. | 127626 | 20-07-1970 | SNAMPROGETTI S. P. A., 16 Corso Venezia, Italy. | Process for the extraction of aromatic hydrocarbons. |
| 14. | 127646 | 21-07-1970 | Do. | Process for the separation of conjugated diolefins from mixtures containing the same. |
| 15. | 127658 | 22-07-1970 | Do. | Process for the extraction of aromatic hydrocarbons from mixtures of aromatic and aliphatic hydrocarbons. |
| 16. | 127725 | 27-07-1970 | ROHM AND HASS CO., Independence Mall West, Philadelphia, Pennsylvania, 19105, U.S.A. | Process for preparing a resin having cross linked polymeric resin matrix. |

| 1 | 2 | 3 | 4 | 5 |
|-----|--------|------------|---|--|
| 17. | 127752 | 28-07-1970 | HOECHST AG., 45, Bruningstrasse, Frankfurt, Main West Germany. | Process for preparing of new water-insoluble monoazodyestuffs, plastics and textile materials printing ink and lacquers having said dyestuffs. |
| 18. | 127753 | 28-07-1970 | Do. | Process for the manufacture of copper-containing monoazo dyestuffs. |
| 19. | 127973 | 11-08-1970 | UNION CARBIDE CORPORATION, 1270, Park Avenue, State of New York 10017, U.S.A. | Cryogenic air separation process. |
| 20. | 127981 | 11-08-1970 | ISHIHARA SANGYO, KAISHA LTD, No. 11-1, Edobori, Kannidorim 1-chome, Nishi-ku, Osaka, Japan. | Process for producing titanium dioxide concentrate. |
| 21. | 127983 | 11-08-1970 | ROSTERO S. A., 12, AV. Industrielle, Geneve, Acacias, Switzerland. | Apparatus and method for the casting of resin sheets from polymerizable flowable material. |
| 22. | 128182 | 26-08-1970 | FARBWERKE HOECHST AG., VORMALS MEISTER LUCTUS BRUNING 45, Brunirastrasse, Frankfurt, Main West Germany. | Process for preparing new water soluble monoazo dyestuffs. |
| 23. | 128193 | 26-08-1970 | BENSON, FIELD AND EPES, 640, Spruce Lance, Berwyn, Commonwealth of Pennsylvania, U.S.A. | Separation of CO ₂ and H ₂ S from gas mixtures. |
| 24. | 128253 | 01-09-1970 | UNION CARBIDE CORPORATION, 270, Park Avenue, New York, State of New York 10017, U.S.A. | Process for making metal additions, to molton aluminium bath for making alloys thereof. |
| 25. | 128278 | 02-09-1970 | SNAMPROGETTI S. P.A., 16, Corso Venezia, Milan, Italy. | Process for the production of ethylene oxide. |
| 26. | 129926 | 13-01-1971 | LAPORTE INDUSTRIES LTD., Hanover House, 16, Hanoversquare, London W 1R OBE, England. | Process for treating oxide pigments. |
| 27. | 130379 | 25-02-1971 | F.L. SMIDTH & CO., A/s, 77, Vigerslev Alle, Dk-2300, Copenhagen Valby, Denmark. | Treatment of cement raw materials and plants for use thereon. |
| 28. | 130416 | 01-03-1971 | SHELL INTERNATIONALE RESEARCF MATSCHAPPIJ B.V., Carel Van Bylandtlaar 30, The Hague, Netherlands. | Process for the selective removal of hydrogen sulphide from gases containing hydrogen sulphide and carbon dioxide. |
| 29. | 130799 | 30-03-1971 | UBE INDUSTRIES LTD., 12-32, 1-chome, Nishihorumachi, Uke-shi, Yamaguchi-ken, Japan. | Process for the treatment a reaction product obtained by oxidation of cyclohexanes. |
| 30. | 131002 | 16-04-1971 | DR. C. OTTO & COMP. GMBH., Bochum, West Germany. | Byproduct coke oven. |
| 31. | 131235 | 04-05-1971 | CENTRAL GLASS CO. LTD., 5253, Oaza Okube, Ube-shi, Yamaguchi-ken, Japan. | Process for the production of high quality synthetic cryolite. |
| 32. | 131405 | 18-05-1971 | INTERNATIONAL NICKEL LTD., Thames House, Milbank, London, England. | Treatment of corrosion resistant chromium containing alloys. |
| 33. | 131530 | 30-06-1971 | EISENWERK-GESELLSCHAFT MAXIMILIASHUTTE mbH, Sulzbach Rosenbert Hütte, West Germany. | Process and apparatus for making steel. |
| 34. | 131968 | 02-07-1971 | FARBWERKE HOECHST AG., 45, Bruningstrasse, Frankfurt Main, West Germany. | Manufacturing novel water soluble monoazodyestuffs. |
| 35. | 131995 | 05-07-1971 | FIERRO ESPONJA SA., Avenida Los Angeles al Oriente, Monterrey N. 4, Republic of Mexico. | Method and apparatus for reducing particulate metal ions. |
| 36. | 132031 | 08-07-1971 | FARBWERKE HOECHST AG., 45 Bruningstrasse, Frankfurt Main, West Germany. | Manufacture of fast dyes or painting on fibers materials containing cellulose. |
| 37. | 132048 | 09-07-1971 | UNIVERSAL OIL PRODUCTS CO., 30, Algonquins Road, Des plaines, State of Illinois, U.S.A. | Solid phosphoric acid catalyst and method of manufacture and use thereof. |

| 1 | 2 | 3 | 4 | 5 |
|-----|--------|------------|---|---|
| 38. | 132263 | 27-07-1971 | OSTERREICHISCH-AMENIKANS-CHE MAGNET AG, Badenthein, Carinthia, Austria. | Process of producing a sintered refractory material. |
| 39. | 132295 | 29-07-1971 | PHILIP MORRIS INCORPORATED, 100 Park Avenue, New York, 10017, U.S.A. | Process for puffing tobacco. |
| 40. | 132355 | 03-08-1971 | HOECHST AG., 6230, Frankfurt/Main 80, West Germany. | Preparation of water soluble monoazo dyestuffs. |
| 41. | 132429 | 09-08-1971 | ITEK CORPORATION, 10, Maguire Lexington, Massachusetts, U.S.A. | Improved photographic plate and process for producing the same. |
| 42. | 132472 | 11-08-1971 | ROBERT BOSCH GMBH., Postfach 50, 7 Stuttgart, West Germany. | Liquid filter. |
| 43. | 132564 | 18-08-1971 | JOHNS MANVILLE CORPORATION 22, East 40th Street, New York, State of New York 10016, U.S.A. | Process for bonding thermosetting resins to polymeric resins and polyvinyl chloride pipe product having a surface composition of said resins. |
| 44. | 132572 | 19-08-1971 | HALCON, Two Park Avenue, New York 110016, U.S.A. | Improved process for the vapour phase oxidation of benzene to maleic anhydride. |
| 45. | 132622 | 23-08-1971 | UNIFOAM AG., Portgarse 21, Glarus, Switzerland. | Production of polymeric foam. |
| 46. | 132627 | 23-08-1971 | ETABLISSEMENT SALGAD, Vaduz, Liechtenstein. | Explosive device. |
| 47. | 132648 | 24-08-1971 | HOECHST AG., 6230, Frankfurt/Main 80, West Germany. | Process for the preparation of monoazo pigments. |
| 48. | 134393 | 25-01-1972 | LAPORTE INDUSTRIES LTD., Hanover home, 14, Nanover Square, London, WIR OBE, England. | Improvements in beneficiation of ores. |
| 49. | 134523 | 07-02-1972 | AIKOH CO. LTD., 1-30, 2-chome, Ikenohata, Taito-ku, Tokyo, Japan. | Slag forming agent for the steel making. |
| 50. | 135134 | 03-04-1972 | LAPORTE INDUSTRIES LTD, Hanover House, 14 Hanover Square, London WIR OBE, England. | Improvements in and relating to a process of beneficiation of ilmenite ores. |
| 51. | 135315 | 18-04-1972 | 1. NITTO KAGAKU KOGYO KABUSHIKI KAISHA NITTO CHEMICAL INDUSTRY CO. LTD., 5-1, Maunouchi 1-chome, chiyoda-Tokyo, Japan. 2. MISUBISHI RAYON KABUSHI KAISHA, 8, 2-chome Kyobashi, chuo-ku, Tokyo-20, Japan. | Process and apparatus for the production of acetone cyanohydrin. |
| 52. | 135584 | 20-07-1972 | AKADEMIA GORNICZO-HUTNICZA in stanslaw, Staszica w Krakowie 30, Mickiewicza Str. Poland. | Method of protecting refractory brick work against corrosion. |
| 53. | 135780 | 22-08-1972 | E.LDU PONT DE NEMOURS & CO., Wilmington, Delaware, U.S.A. | Preparation of textured polyester yarn. |
| 54. | 135863 | 05-07-1972 | RHONE-PROGIL, 6-rue Picani, 75 Paris 16e France. | Process for carrying out bulk polymerisation. |
| 55. | 136123 | 01-08-1972 | CIBA-GIEGY AKTIENGSELLSCHAFT, 141, Klybeck strasse, Basle, Switzerland. | Process for manufacturing new dyestuff salts. |
| 56. | 136237 | 21-08-1972 | HOECHST AG., 6230, Frankfurt/Main 80, West Germany. | Preparation of novel water soluble monoazo dyestuffs. |
| 57. | 136245 | 27-04-1972 | AIKOH CO. LTD., No. 1-39, 2-chome, Ikenohata, Taito-ku, Tokyo, Japan. | Desulfurizing agent for a molten pig-iron. |
| 58. | 136262 | 17-08-1972 | HOECHST AG., 6230, Frankfurt/Main 80, West Germany. | New water soluble monoazo pyrazolone dyestuffs and a process for preparing them. |
| 59. | 136349 | 11-07-1972 | FARBWERKE HOECHST AKTIENGESELLSCHAFT, VORMALS MEISTER LUCIUS & BRUNING, 45, Bruning strasse, Frankfurt/Main, West Germany. | Preparation of fluorcarbon waxes. |

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| 60. | 136430 | 27-06-1972 | AIKOH CO. LTD., 1-30, 2-chome Ikenohata, Taito-ku, Tokyo, Japan. | Improved method of forming ingots of molten metals. |
| 61. | 136459 | 31-07-1972 | UOP CO., 10 UOP Plaza-Agonquin & Mt. Prospects Roads, Des Plaines, Illinois, U.S.A. | Production of aryl substituted N-paraffins. |
| 62. | 136614 | 26-08-1972 | SHELL INTERNATIONALE MAAT-SHAPPIJ B. V., Carel Van Bylandtlaan, 30, The Hague, The Netherlands. | Process for the concentration and purification of aqueous solutions of ethylene oxide. |
| 63. | 136923 | 21-08-1972 | USS ENGINEERS AND CONSULTANTS, INC., 600, Grant Street, Pittsburgh, State of Pennsylvania, U.S.A. | Method and apparatus for a continuous casting of a partially solidified strands of metal. |
| 64. | 137101 | 25-06-1973 | SHELL INTERNATIONALE MAATSCHAPPIJ B. V., Carel Van, Bylandtlaan 30, The Hague, The Netherlands. | Process and apparatus for partial combustion of carbonaceous fuels to produce substantially soot free gases. |
| 65. | 137276 | 01-08-1972 | NATIONAL RESEARCH DEVELOPMENT CORPORATION, 66-74, Victoria Street, London SW 1, England. | Process for the production of glass fibre reinforced Cemenhitious products. |
| 66. | 137308 | 01-08-1972 | CIBA GIEGY AG, 141, Klybeckstrasse, Basle, Switzerland. | Process for the manufacture of azodyes-tuffs. |
| 67. | 137685 | 01-08-1972 | NATIONAL RESEARCH DEVELOPMENT CORPORATION, King's Gate House, 66-74 Victoria Street, London SW 1, England. | Process for the production of glass-fibre reinforced cementitious, products. |
| 68. | 137849 | 31-01-1973 | SHELL INTERNATIONALE RESEARCH MATSCHAPPIJ B. V. Carel Van Bylandtlaan 30, The Hague, The Netherlands. | Process and apparatus for the manufacture of gases containing hydrogen and carbon monoxide. |
| 69. | 138172 | 10-08-1973 | FOSTER WHEELER (INDIA) LTD., P.O. Box 62, Foster Wheeler House, Chapel Street, London NW 1, 5DS, England. | Reduction of sulphur dioxide to sulphur. |
| 70. | 139617 | 12-09-1973 | ICI LTD., Imperial Chemical House, Millbank London SW 1, England. | Process for the manufacture of phosphoric acid amides. |
| 71. | 139945 | 24-08-1973 | CRAWFORD BROWN MURTON, Pittsburgh, Pennsylvania, 15221, U.S.A. | Method of applying refractory lining to metallurgical vessel and the metallurgical vessel so produced and composition used in the same. |
| 72. | 140283 | 28-07-1973 | PEROLIN CO. INC., 84, Danbury Road, Wilton, Connecticut, U.S.A. | Method for inhibiting corrosion and ash deposition in fossil fuel burning equipment. |
| 73. | 140287 | 07-08-1974 | PENNZOIL CO., Pennzoil Place, Houston, Texas, 77001, U.S.A. | Process for the production of potassium phosphate or polyphosphate. |
| 74. | 140364 | 26-07-1973 | REGENTS OF THE UNIVERSITY OF CALIFORNIA, 2200, University Avenue Berkeley, California, U.S.A. | Rubber elastomeric and plastomeric materials containing amorphous carbonaceous silica. |
| 75. | 140480 | 27-2-1974 | BELOIT CORPORATION, 1st Lamerevu Avenue, Beloit Wisconsin, 53511, U.S.A. | Pulp refiner element. |
| 76. | 140861 | 2-08-1974 | UOP INC., 10 UOP Plaza, Algonquin & Mt. Prospects Roads, Des Plaines, Illinois, U.S.A. | Hydrogen flouride alkylation process. |
| 77. | 140919 | 28-07-1973 | MARATON OIL COMPANY, 539 South Main Street, Findlay, Ohio, 45840, U.S.A. | Process for preparing and transporting hydrocarbon mixtures as a slurry. |
| 78. | 141031 | 15-01-1976 | INTEROX CHEMICALS LTD., Hanover House, 14, Hanover Square, London W1R 0BE, England. | Process for epoxidation of an alkene by reaction with a peracid. |
| 79. | 141082 | 21-08-1973 | BENEFIELD CORPORATION, 640 Spruce Lane, Berwyn, Commonwealth of Pennsylvania, U.S.A. | Aqueous solution for absorbing carbon dioxide from gas mixtures and method for the use thereof. |
| 80. | 141090 | 20-07-1974 | ELKEM-SPIGERVERKET A/S, El-kemhuset, Middelthunsgate 27, Oslo, 3, Norway. | Method of producing pellets from ores and/or concentrates which contain metal oxides and the pellets made thereby. |

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| 81. | 141228 | 27-07-1974 | BRUNO FABBIAN- Asigliano Veneto, Vicenza Via XI Fibrains-27fi, Italy. | Method of producing a dust diluent or carrier from anhydrous or hydrated calcium sulfate in granular or powder form. |
| 82. | 141401 | 23-07-1974 | CHEMIE LINZ AKTIENGESELLSCHAFT, St Peterstrasse, 25, 4020, Linz, Austria. | Process for the preparatin of sulphuric acid. |
| 83. | 142468 | 24-09-1974 | SUN VENTURES INC., 100 Matsonford Rd, Radnor, Pennsylvania, 19087, U.S.A. | Amoxidation processes for the preparation of nitriles from m and p-xylene. |
| 84. | 142469 | 30-01-1974 | CLUTTE PEABODY & CO. INC., 433, River Street, Troy New York, U.S.A. | Method and apparatus for recovery of ammonia from gas mixture. |
| 85. | 142473 | 05-06-1975 | SNAM PROGETTI S.P.A. & Corse Venezia, 16 Milan, R Italy. | Process for producing urea. |
| 86. | 142479 | 16-11-1976 | COMBUSTION ENG. INC., 1000, Prospect Hill Road, Windsor, Connecticut, U.S.A. | GAS cleaning system for combustion gases product by burning coal such as in pulverised coal fixed steam generators. |
| 87. | 142482 | 18-7-1974 | CESKO SLOVENSKA AKADEMIE VED, Praha, Czechoslovakia. | Preparation of emulsions concentrated dispersions and pastes. |
| 88. | 142507 | 18-8-1975 | SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V. Carel Van B Ylandtlaan, 30, The Hague, The Netherlands. | Process for the production of hydrogen, carbon monoxide and light hydrocarbon containing gases. |
| 89. | 142509 | 1-10-1975 | Do. | Improvements relating to high pressure gasification. |
| 90. | 142514 | 27-8-1976 | CHIEF CONTROLLER, Research & Development (General) Research Development Organisation, Ministry of Defence, Govt. of India, New Delhi, India. | Process for preparing re-coil fluid composition for preventing corrosion. |
| 91. | 142549 | 2-7-1974 | SOLYAY & CIE, 33, Rue De Prince, Albert, B-1050, Brussels, Belgium. | Manufacture of polylactones from L, β -diholoro propionic acid or its derivatives. |
| 92. | 142550 | 16-7-1974 | WESTINGHOUSE ELECTRIC CORPORATION, Pittsburgh, Pennsylvania, | Composition for forming thermo particulating coating which protects electrical apparatus. |
| 93. | 142595 | 20-11-1974 | METALLGESELLSCHAFT AG., 16, Frankfurt AM. Reuterweg, 14, West Germany. | Process of simultaneously producing methanol and methane. |
| 94. | 142610 | 12-12-1974 | NORTON CO., 1, New Bond Street, Worcester, State of Massachusetts, U.S.A. | Preparing zirconia-alumina abrasive grits. |
| 95. | 142619 | 9-4-1975 | DR. G. OTTO & COMP. GMBH. Christstrasse, 9, Bochum West Germany. | Plant for the chemophysical surface treatment of wire coils. |
| 95. | 142629 | 1-11-1974 | SUN VENTURES INC., 240, Radnor, Chaster Road, St. Davids, Pennsylvania 19087, U.S.A. | Preparation of block co-polymer of poly (dioxamide) and polyamide. |
| 97. | 142630 | 1-11-1974 | SUN VENTURES INC., 240 Radnor Chester Road, St. Davids, Pennsylvania 19087, U.S.A. | Preparation of block copolymer of poly (dioxamide) and polyamide. |
| 98. | 142631 | 1-11-1974 | Do. | Preparation of block co-polymer of poly (oxa-amide) and polyamide. |
| 99. | 142632 | 1-11-1974 | Do. | Preparation of block copolymer of poly (dioxo-arylamide) and polyamide. |
| 100. | 142634 | 14-1-1975 | CINCINNATI MILACRON CHEMICALS INC., Reading, State of Ohio, U.S.A. | Stabilizer composition containing dimethyltin esters. |
| 101. | 142640 | 12-1-1976 | JOHNSON & JOHNSON? 501, George Street, New Brunswick, New Jersey, U.S.A. | Process for preparing a gel formulation of tretinoin for topical application. |

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| 102. | 142666 | 16-7-1974 | WESTINGHOUSE ELECTRIC CORPORATION, Westinghouse Building, Gateway Center, Pittsburg, Pennsylvania, U. S. A. | High pressure laminate and method of making the same. |
| 103. | 142672 | 13-01-1975 | NITTO BOSEKI CO. LTD. 1, Aza Higashi, Cronom Fukushima, Japan. | Method and apparatus for manufacturing glass fibres. |
| 104. | 142682 | 16-06-1976 | CHIEF CONTROLLER, Research Development, Ministry of Defence, Government of India, New Delhi, India. | Preparation of water repellent-cum preservative fluid. |
| 105. | 142694 | 16-1-1975 | CINCINNATI MILACRON CHEMICALS INC., Reading, State of Ohio, U.S.A. | Preparing an organotin halide mercaptide. |
| 106. | 142699 | 23-09-1975 | H.L.S. LTD. INDUSTRIAL ENGG. CO., Petah, Tikya, Israel. | Process for the Production of liquid edible oil or similar oils. |
| 107. | 142700 | 04-11-1975 | HALDOR TOPSOE A/s, P.O. Box 49, DK-2860, Soborg, Denmark. | Process for preparing methane rich gases. |
| 108. | 142702 | 20-08-1975 | SAGAMI CHEMICAL RESEARCH CENTER, Marunomachi, 1-4-5, Chiyoda-ku, Tokyo, 100 Japan. | Process for the preparation of esters of dihalovinyl cyclopropanecarboxylic acids. |
| 109. | 142711 | 09-04-1975 | I.C.I. LTD., Imperial Chemical House, Millbank, London SW 1, P 3 JF, England | Preparing a hard polymerised resin composition. |
| 110. | 142714 | 01-03-1975 | AMERICAN HOME PRODUCTS CORPORATION, 685, Third Avenue, New York, U. S. A. | Preparation of Benzo bicycloalkane amines. |
| 111. | 142727 | 22-08-1974 | HOECHST AG., 43, Brunsingstrasse, Frankfurt, Main, West Germany. | Preparation of new water soluble yellow reactive dyes. |
| 112. | 142735 | 17-12-1975 | MCNEIL LABORATORIES INC., Camphill Road, Fort, Washington, Pennsylvania, U.S.A. | Preparation substituted thio sulfinyl and sulfonylinoles. |
| 113. | 142738 | 11-06-1975 | HINDUSTAN LEVER LTD., Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-400 020, India. | Cosmetic composition. |
| 114. | 142753 | 31-03-1975 | DR. C. OTTO & COMP. GMBH., Christstrasse, 9, 463, Bochum, West Germany. | Gasification of solid fuels. |
| 115. | 142758 | 29-03-1976 | WACKER-CHEMIE GMBH., Crinz-regentenstrasse, 22, 8 Munchen 22, West Germany. | Manufacture of organo-siloxane and an alkyl halide. |
| 116. | 142815 | 18-09-1975 | UOP INC., 10 UOP Plaza-Algonquin & Mt. Prospects Roads, Des plaines, Illinois, U.S.A. | Treating chamber and its use for the coating and impregnating of catalyst support members. |
| 117. | 142825 | 02-09-1974 | HOECHST AG., 6230, Frankfurt, Main 80, West Germany. | Preparation of water soluble monoazo-compounds. |
| 118. | 142836 | 09-10-1975 | KURARAY CO. LTD., 1621, Sakazu, Kurashiki city, Japan. | Production of substituted cyclopropane carboxylic esters. |
| 119. | 142846 | 22-04-1975 | SNAMPROGETTI S.P.A., 16 Corso Venezia, Milan, Italy. | Producing an improved catalyst materials. |
| 120. | 142853 | 03-09-1975 | UOP INC., 10 UOP Plaza Algonquin, Prospects Roads, Das plaines, Illinois, U.S.A. | Process for the dehydrogenation of hydrocarbons. |
| 121. | 142857 | 09-10-1975 | I.C.I. LTD., Imperial Chemical House, Millbank, London SW 1 P, 3JF, England. | Nitroparaffin explosive composition. |
| 122. | 142861 | 16-01-1976 | GOODYEAR TIRE AND RUBBER COMPANY, 1144, East Market Street, Akron, Ohio, U.S.A. | Improved method for preparing pigmented polyesters. |
| 123. | 142881 | 22-01-1975 | HOECHST AG., 6230, Frankfurt/Main, West Germany. | Process for the continuous dyeing of cellulose fibres with reactive dyestuffs. |
| 124. | 142896 | 09-10-1975 | KOMMANDITGESELLSCHAFT SCH. WARZHAUPT, Sachsenring, 37-47, 5 Koln 1, West Germany. | Method for preparing a composition for the conjoint determination of the isoenzymes of lactate dehydrogenase. |

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| 125. | 142930 | 13-11-1975 | MINNESOTA MINING AND MANUFACTURING COMPANY, 3 M Center, Saint Paul, Minnesota, 55101, U.S.A. | Preparation of 2 (trifluoromethyl) methanesulfonanilide substituted in the P-position and derivatives thereof. |
| 126. | 142935 | 28-04-1976 | DR. C. OTTO & COMP. GMBH., Christstrasse, 9, Bochum, West Germany | Tubular reactor for performing endothermal gas reactions. |
| 127. | 142983 | 27-11-1974 | Do. | Coke oven battery. |
| 128. | 143034 | 08-04-1976 | SOLVAY & CIE., 33, Rue due Prince Albert, B-1050, Brussels, Belgium. | Polymerisation of olefines. |
| 129. | 143073 | 17-07-1975 | 1. JOHNSON & JOHNSON, 501, George Street, New Brunswick, New Jersey, U.S.A. 2. PUROLATAR INC 1, 970, New Brunswick Avenue, Rahway, New Jersey, U.S.A. | Blood filter element. |
| 130. | 143091 | 12-3-1975 | DR. C. OTTO COMP. GMBH., 463, Bochum, West Germany. | Method of removing vapours and aerosols from gases produced during high temperature gassification and a plant for performing the method. |
| 131. | 143095 | 31-05-1976 | Do. | Process fortreating the gas-main washing liquid arising in coke ovens. |
| 132. | 143109 | 21-10-1974 | PHILLIP MORRIS INCORPORATED 100, Park Avenue, New York, 10017, U.S.A. | Process and apparatus for expanding tobacco. |
| 133. | 143112 | 25-04-1975 | HOECHST AG., 6230, Frankfurt/Main 80, West Germany. | Process for preparing copper Phthalocyanine pigments of the α modification. |
| 134. | 143116 | 17-10-1975 | ISHIMARA SANGYO KAISHA LTD., 11-1, Edobon, Kamidori-1, chome-Nishiku, Osaka, shi Osaka, Japan. | Preparation of α -[4-(substituted pyridyl-2-oxy) Phenoxy] alkane carboxylic acids and derivatives thereof. |
| 135. | 143118 | 10-12-1975 | ARBROOK INC. 2500, Arbrook Boulevard, Arlington, Texas, U.S.A. | Disinfectant agent. |
| 136. | 143122 | 17-02-1976 | AGRO PROTEINE INDUSTRIE, 11 Rue de Madrid, Paris, 8 EME, France. | Improvements in an integrated process for the treatment of vegetable matters. |
| 137. | 143123 | 08-08-1974 | USS ENGINEERS & CONSULTANTS 600 Grant Street, Pittsburgh, State of Pennsylvania, U.S.A. | Making iron oxide pellets. |
| 138. | 143126 | 17-10-1974 | HOECHST AG., Frankfurt/Main 80, W. Germany. | Preparing 1 amino benze -5- β sulfato ethylsulfone-2, 4-disulfonic acid, the 5-vinylsulfone compound and alkali salts thereof. |
| 139. | 143128 | 07-05-1975 | UOP INC. 10 UOP Plaza, Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U.S.A. | Hydrocarbon conversion process. |
| 140. | 143137 | 12-03-1975 | NORSK HYDRO A. S., Bygdoy, Alle 2, Oslo 2, Norway. | Process for manufacturing of phosphoric acid containing calcium phosphatc. |

COMMERCIAL WORKING OF PATENTED INVENTION : CHEMICAL LIST : VI

The following Patents in the field of Chemical Industry are not being commercially worked in India as admitted by the Patentees in the statements filed by them under section 146(2) of the Patents Act, 1970, in respect of Calendar year, 1980, generally on account of want of requests for Licence to work the Patented inventions.

Persons who are interested to work the said Patents commercially, may contact the Patentees for the grant of Licence for the purpose.

| Sl. No. | Patent No. | Date of Patent | Name and address of Patentees | Title of the inventions. |
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| 1 | 2 | 3 | 4 | 5 |
| 1. | 143177 | 18-02-1974 | OWENS CORNING FIBREGLASS CORPORATION, Toledo, Ohio, U.S.A. | Method of forming glass fibres and apparatus therefor. |

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| 2. | 143180 | 02-06-1975 | NICO- PYROTECNIK HANNS— JURGEN DIEDERICHKG, 2077, Trittan, Bei Du Fenerworkerei, West Germany. | Impact detonator. |
| 3. | 143183 | 12-07-1976 | DR. C. OTTO & COMP. GMBH, 463, Bochum, W. Germany. | Battery of coke ovens with regenerative heat exchange. |
| 4. | 143184 | 08-10-1976 | SHELL INTERNATIONALE RE- SEARCH MAATSCHAPPIJ B.V. Carel Van Bylandtlaan, 30, The Hague, The Netherlands. | Process for separation of dry particulate matter from a hot gas. |
| 5. | 143185 | 17-02-1977 | BEECHAM GROUP LTD., Beecham House, Great West Road, Brentford, Middlesex, England. | Process for the preparation of 2-(car- bamoyl) phenyl-2-acetoxybenzoate. |
| 6. | 143188 | 27-08-1974 | UCB S.A. CHAUSSEE de Charleroi, Saint Gilles-lez-Bruxelles, Belgium. | Method and apparatus for continuous dehydration of maleic acid. |
| 7. | 143191 | 17-10-1974 | HOECHST AG. 6230 Frankfurt/ Main 80, West Germany. | Preparation of new water soluble azo, dyestuffs. |
| 8. | 143192 | 22-10-1974 | SHELL INTERNATIONALE RE- SEARCH MAATSCHAPPIJ B. V. Carel Van Bylandtlaan 30, The Hague, The Netherlands. | Process for the preparation of silver catalysts for the preparation of ethylene oxides. |
| 9. | 143197 | 20-03-1975 | HOECHST AKTIENGESSELLSCHAFT 6230, Frankfurt/Main 80, West Grmany. | Coating composition. |
| 10. | 143203 | 15-10-1973 | ANHEUSER BUSCH INC., 721, Poota- lozzi Street, St. Louis Missouri, U.S.A. | Production of glucose isomerase. |
| 11. | 143210 | 01-02-1975 | DR. C. OTTO & COMP. GMBH., 463, Bocum, W. Germany. | Coke oven battery adapted for regene- rative heating with lean gas. |
| 12. | 143222 | 31-10-1972 | DEGUSSA, 9, Weissfraueustrasse, Frankfurt Main, West Germany. | Gas phase catalytic process for the manufacture of cayanogen chloride from chlorine and hydrogen cyanide. |
| 13. | 143223 | 23-07-1974 | CIBA GIEGY AG., Klybeckstrasse, 141, Basle, Switzerland. | Manufacture of Vat-dyes. |
| 14. | 143234 | 12-01-1976 | VULCAN CINCINNATI, 2900 Vernou Plance Cincinnati, Ohio, U.S.A. | Process for making urea from ammonia and carbondioxide. |
| 15. | 143236 | 28-09-1976 | UOP INC., 10, UOP Plaza-Algonquin & Mt. Prospect Road, Des Plaines, Illinois, U.S.A. | Hydrogen flouride alkylatian process. |
| 16. | 143237 | 16-10-1976 | OLIN CORPORATION, 91, Shelton Avenue, New Haven, Connecticut 06504 U.S.A. | Weld arresting composition. |
| 17. | 143243 | 22-07-1975 | GENERAL ELECTRIC CO., 1, River Road, Scheneetsdry, New York, U.S.A. | Method of producing silicon iron sheet material. |
| 18. | 143255 | 03-09-1974 | KAMYR INC., Glens Falls, State of New York, U.S.A. | Process and apparatus for producing gas from gas producing materials. |
| 19. | 143258 | 12-10-1976 | JOHNSON & JOHNSON, 501, George Street, New Brunswick, New Jersey, U.S.A. | Conditioning and cleaning shampoo composition non-irritating to eyes. |
| 20. | 143262 | 09-03-1976 | THE VISVESVARAYA IRON & STEEL LTD., Bhadravati, Karnataka, 577301, India. | Production of ferro vanadium. |
| 21. | 143274 | 29-03-1975 | ANIC S.P.A., Via Mariano Stabile, 216, Palermo, Italy. | Synthesis of substituted indolenines. |
| 22. | 143275 | 31-03-1975 | DR. C. OTTO & COMP. GMBH. Bochum West Germany. | Coke guide machine movable on the coke-side of coke oven batteries. |
| 23. | 143279 | 07-01-1976 | NORDISK INSULINLABORATO- TIUM, Ved Station 2 DK, 2820, Gen- tofte, Denmark. | Process for the preparation of a stable insulin preparation with protracted action and low antigenicity. |
| 24. | 143287 | 22-04-1975 | SNAMPROGETTI S.P.A., 16 Corso Venezia, Milan, Italy. | Surface modifying of metal oxide cata- lyst. |

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| 25. | 143288 | 25-07-1975 | AVTEX FIBRES INC. 580, East Swedesford Road, P.O. Box 880, Valley Forge, Pennsylvania 19482, U.S.A. | Process for improving the filtration characteristics of neutralized waste liquor from viscose process. |
| 26. | 143292 | 19-05-1975 | SNAMPROGETTI S.P.A., 16 Corso Venezia, Milan, Italy. | Separating butadiene from C4 hydrocarbon streams. |
| 27. | 143296 | 23-06-1975 | UOP INC., 19 UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U.S.A. | Manufacture of hydrodesulphurisation catalyst. |
| 28. | 143299 | 04-12-1976 | I.C.I. LTD., Imperial Chemical House, Millbank, London SW 1, P3JF, England. | Manufacture of difluoro methyl 1, 2, 2-trifluoroethyl ether. |
| 29. | 143315 | 18-03-1975 | HOECHST AG., 6230 Frankfurt/Main 80, W. Germany. | Preparation of new water soluble naphthyl monoazo pyrazolone dyestuffs. |
| 30. | 143331 | 20-10-1975 | C.S.I.R., Rafi Marg, New Delhi, India. | Manufacture of possolana cement with particular reference to possolana cement from paddy husk. |
| 31. | 143335 | 28-01-1975 | HOECHST AG., 6230 Frankfurt/Main 80, W. Germany. | Preparation of pure, aromatic o-hydroxy carboxylic acid arylamides. |
| 32. | 143341 | 17-09-1975 | AUSTRALIAN FERTILIZERS LTD., 213, Miller Street, North Sydney, State of New South Wales, Australia. | Production of granular ammonium sulphate. |
| 33. | 143352 | 29-10-1975 | FERTILIZER INDIA LTD., P-43, Ring Road, South extension area, part-I, New Delhi, India. | Manufacture of gypsum plaster. |
| 34. | 143354 | 29-07-1976 | I.C.I. LTD., Imperial Chemical House, Millbank, London SW 1 P 3JF, England. | Manufacture of hydroxy acids. |
| 35. | 143365 | 18-06-1975 | HOECHST AG., 6230, Frankfurt/Main 80, W. Germany. | Preparation of watersoluble monoazo compounds. |
| 36. | 143365 | 21-06-1975 | OTTO JUNKER GMBH., 5107, Simmerath, West Germany. | Procedure for casting specified quantities of molten metal and device for carrying out this procedure. |
| 37. | 143374 | 24-10-1975 | HOECHST AG., 6230, Frankfurt/Main 80, West Germany. | Process for the reactive dyeing and printing of fibrous materials containing hydroxy groups. |
| 38. | 143376 | 05-12-1975 | METALLGESELSCHAFT AG., 16 Frankfurt/Main A.M. Reuterweg 14, West Germany. | Method for production of heat by combustion of carbonaceous materials. |
| 39. | 143382 | 18-04-1975 | Do. | Process for the production of purified hydrogen and carbon monoxide containing gas. |
| 40. | 143387 | 15-11-1975 | C.S.I.R., Rafi Marg, New Delhi, India | Process for protection of aluminium and aluminium alloy sheets against corrosion during storage and damage by scratches during manufacturing process by resistant and strippable surface coating. |
| 41. | 143391 | 11-11-1974 | DR. C. OTTO & COMP. GMBH, Bochum, West Germany. | Process for the isolation of crude benzol and naphthalene from the washing oil formed during the recovery of naphthalene and/or benzol from coke oven gas. |
| 42. | 143403 | 19-02-1975 | CHINOIN GYOGYSZER, Es Vegveszeti Termek Gyara RT of 1—5 to VI, Budapest IV, Hungary. | Process for preparing new acyl-phenoxy propanesulfoacids and salts thereof. |
| 43. | 143406 | 16-10-1975 | FOSTER WHEELER ENERGY CORP. 111, South orange avenue, Livingston New Jersey, U.S.A. | Production of synthesis gas by partial oxidation a method for the recovery of unreacted carbon and apparatus for the same. |
| 44. | 143413 | 16-11-1974 | DAVY POWERGAS INC., New Mulberry Highway, Lake Land, Florida, U.S.A. | Manufacturing wet process phosphoric acid. |
| 45. | 143419 | 13-04-1977 | METALLURGICAL AND ENGINEERING CONSULTANTS LTD., Ranchi, 834002, Bihar, India. | Improved process and plant for treating acidic wastes. |

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| 46. | 143423 | 01-05-1974 | E.I. Du Pont DE Nemours & Co., Wilmington, Delaware U.S.A. | Hydrometallurgical process to recover copper from sulfide ore concentrates. |
| 47. | 143438 | 15-01-1975 | ANSTALT GEMASS, Vaduz, Liechtenstein | Method for continuous hydrolysis of pentosamo containing material and apparatus for implementing the methods. |
| 48. | 143441 | 16-06-1975 | AIKOH CO. LTD., 1—39, 2, Chome, Ikenohata, Taitoku, Tokyo, Japan. | Manufacturing killed steel ingots of superior quality. |
| 49. | 143457 | 02-01-1975 | MONSANTO COMPANY, 800, North Lindbergh, Boulevard, St. Louis, Missouri, 63166, U.S.A. | Process of producing styrene from toluene. |
| 50. | 143469 | 19-11-1974 | C.S.I.R. Rafi Marg, New Delhi, India | Process for the production of barium/ calcium petroleum sulphonates useful as detergent dispersant additives for motor oils. |
| 51. | 143470 | 27-06-1975 | KARL KIENER, 7081, Gold shofe, Gstalb Krels, West Germany. | Process and apparatus for the produc- tion of combustible gas from waste material. |
| 52. | 143477 | 19-04-1975 | CATERPILLAR TRACTOR CO., 100 N.E. Adams Street, Peoria, 61602, U.S. | Method for manufacturing wear resis- tant alloy. |
| 53. | 143499 | 01-02-1975 | DR. C. OTTO & COMP. GMBH. Christstrasse 9, Poastfacth 184901850, 643 Bochym, West Germany. | Underjet coke oven batteries. |
| 54. | 143501 | 02-05-1975 | SHELL INTERNATIONALE RE- SEARCH MAATSCHAPPIJ B.V. Carel Van Bylandtlaan 30, The Hague, The Netherlands. | Process and apparatus for producing a fuel gas by partially combusting a fuel that contains ash and yields a hot product gas containing sticky parti- cles. |
| 55. | 143503 | 19-08-1975 | HOECHST AG., 6230, Frankfurt/Main 80, W. Germany. | Preparation of early dispersible phtha- locyanine pigments of the B- modifications. |
| 56. | 143545 | 05-05-1975 | LUDWIG TAPROGGE RUNIGUNG- SAULAGEN FUR HOMRENWAR- MEA-USTAUSCHER, 4034 Angermund Wacholderstrasse 7, West Germany. | Process and equipment for the conden- sation of steam. |
| 57. | 143558 | 15-07-1975 | CONTINENTAL CARBON CO., 4120 South West Freeway, Houston, Texas, 77027, U.S.A. | Manufacturing of furnace carbon Blacks. |
| 58. | 143561 | 20-08-1975 | SAGAMI CHEMICAL RESEARCH CENTER, Marumouchi, 1-4-5, Chiyoda- ku-Tokyo 100, Japan. | Process for preparing a vinyl cyclo- propane-carboxylate. |
| 59. | 143563 | 22-10-1974 | SHEEL INTERNATIONALE RE- SEARCH MAATSCHAPPIJ B. V. Carel Van Bylandtlaan 30, The Hague, The Netherlands. | Production of ethylene oxide. |
| 60. | 143564 | 21-04-1977 | ELKEM-SPIGERVERRKET A/S, Alke- mhuset Middlethungate 27, Oslo 3, Norway. | Method of increasing the bulk density of colloidal silica dust. |
| 61. | 143577 | 30-03-1976 | WARNER-LAMBERT COMP. 201 Tabor Road, Morris Plains, New Jersey 07950, U.S.A. | Process for the preparation of 4-hydro-xy. 3-(5-Methyl-3-isoxazolyl-carbamoyl)-2- 1- methyl -2H-1, 2-benzo-thiazine-1, 1-dioxide. |
| 62. | 143602 | 12-12-1974 | LUBRIZOL CORPORATION, Box 17100 Euclid Station, Cleveland, 44117, U.S.A. | Preparation of hydroxyalkyl hydroxy aromatic condensation products. |
| 63. | 143642 | 01-01-1976 | BASF FABEN P FASERNS AG., D-2000, Hamburg 30, Am New Market, West Germany. | Method of preserving and protecting steel object from corrosion. |
| 64. | 143649 | 15-09-1976 | C.S.I.R., Rafi Marg, New Delhi-110001, India. | Preparation of cholesterol from the brain of goat, sheep and buffalo. |
| 65. | 143660 | 12-02-1975 | LUBRIZOL CORPORATION BOX 17100, Euclid Station, Cleveland 44117, U.S.A. | Method for preparing an oil soluble nitrogen containing composition use- ful in lubricants & fuels. |
| 66. | 143692 | 20-01-1979 | C.S.I.R., Rafi Marg, New Delhi, India. | Preparation of copper sulphate utilis- ing waste sulphuric acid. |

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| 67. | 143710 | 14-06-1976 | SHELL INTERNATIONALE RE- SEARCH MAATSCHAPPIJ B.V. Carel Van Bylandtlaan 30, The Hague, The Netherlands. | Process for the dehydrogenation of hydrocarbon with the aid of an iron containing catalyst. |
| 68. | 143715 | 21-04-1976 | C.S.I.R., Rafi Marg, New Delhi, India. | Recovering precipitated calcium carbonate from press mud of sugar factories following carbonation pro- cess for clarification of sugar cane juice. |
| 69. | 143727 | 19-01-1976 | TOYOMA CHEMICAL CO. LTD., 1-18, Kayabacho, Nihohbashi chuo- ku, Tokyo, Japan. | Producing cephalosporins. |
| 70. | 143729 | 05-05-1976 | F.L. SMIDTH & CO. A/s, 77, viger- slev Alle, DK-2500 Valby, Copenhagen, Denmark. | Method of calcining pulverous and granular raw material and a kiln plant for same. |
| 71. | 143731 | 16-02-1977 | C.S.I.R., Rafi Marg, New Delhi, India. | Process of making breath alcohol analysers for detecting alcohol in breath. |
| 72. | 143734 | 02-04-1975 | HOECHST AG., 6230, Frankfurt/Main 80, W. Germany. | Liquid aqueous dyeing separation of reactive dye stuffs. |
| 73. | 143739 | 05-01-1976 | SHINETSU CHEMICAL CO. LTD., 6-1, Otemachi, 2-chome chiyoda-ku, Tokyo, Japan. | Polymerization of vinylchloride mono- mers. |
| 74. | 143741 | 17-03-1976 | MINNESOTA MINING AND MANU- FACTURING CO., 3 M Center, Saint Poul, Minnesota, 55101. | Method of curing polyaminophenol epoxy resin. |
| 75. | 143746 | 18-07-1975 | DEERE & CO., JOHN DEERE Rd., Moline, Illinois, 61265, U.S.A. | Improved process for the production of cast nodular iron. |
| 76. | 143759 | 21-07-1976 | C.S.I.R., Rafi Marg, New Delhi- 110001, India. | Synthesis of 1-aryl/alkyl/aralkyl/6- oxo-pyrimidines. |
| 77. | 143773 | 20-10-1975 | SHIN ESTU CHEMICAL CO. LTD., 6-1, Otemachi, 2-Chome, Chiyoda- ku, Tokyo, Japan. | Bulk polymerization of vinylchloride. |
| 78. | 143774 | 28-06-1975 | HIROSHI TEZUKA, 20-2, 1-chome, Higashi, Shibuya-ku, Tokyo, Japan | Explosive slurry composition and a process for preparing the same. |
| 79. | 143789 | 28-02-1977 | SHELL INTERNATIONALE RE- SEARCH MAATSCHAPPIJ B. V. Carel Van Bylandtlaan 38, The Hague, The Netherlands. | Preparation of pesticidal benzyl esters. |
| 80. | 143794 | 11-06-1975 | mitsui TOATSU CHEM INC., 2-5, Karumigaseki, 3-chome chiyoda-ku Tokyo, Japan. | Improvements in chemical process and apparatus therefor. |
| 81. | 143800 | 20-09-1975 | METALLGESELLSCHAFT AG. Frank- furt Am. Reuterweg, 14, West Germany. | Method of carrying out endothermic process. |
| 82. | 143802 | 31-05-1976 | Do. | Separating solid granular metallurgi- cal products and their precursors on a plurality of linearly vibrating screens. |
| 83. | 143822 | 14-08-1975 | HOECHST AG., 6230, Frankfurt/Main 80, W. Germany. | Purification of crude polyhalo copper phthalocyanines. |
| 84. | 143853 | 25-01-1977 | Do. | Process for dyeing cellulose fibres with water insoluble azodyestuffs produced on the fibre. |
| 85. | 143854 | 03-07-1975 | METALLGESELLSCHAFT AG., 16 Frankfurt/AM, Reuterweg 14, West Germany. | Process of purifying gases produced by a gasification of solid fossile fuels by a treatment with water vapour and oxygen under super atmospheric pres- sure. |
| 86. | 143874 | 18-01-1977 | SHELL INTERNATIONALE RE- SEARCH MAATSCHAPPIJ B. V. Carel Van Bylandtlaan 30, the Hague, The Netherlands. | Process and apparatus for preparation of dewatered carbonaceous particles. |
| 87. | 143876 | 24-07-1975 | NUOVO PIGNONE, S.P.A., Via F. Matteucci 2, Firenze, Italy. | Process for producing oxygen and/or nitrogen in the liquid state. |

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| 88. | 143877 | 29-10-1975 | FERTILIZER CORPORATION INDIA LTD., P.O. Sindri, Dt. Dhanbad, Bihar, India. | Manufacture of sulphur from by product gypsum. |
| 89. | 143878 | 29-10-1975 | Do. | Manufacture of sulphur from pyrite ferrous shale. |
| 90. | 143881 | 29-03-1975 | SNAMPROGETTI S.P.A., 16 Corso Venezia, Milan, Italy. | Process for recovering urea powder. |
| 91. | 143889 | 11-11-1975 | HOECHST AKTIENGESELLSCHAFT, 6230, Frankfurt/Main 80, West Germany. | Manufacture of polymer mixture for making intermediate sheeting for laminated glass. |
| 92. | 143892 | 12-12-1975 | HOLLANDSE SIGNAALAPPARATEN B. V., Zuidelijke Havenweg 40, Hengelo (o), The Netherlands. | Manufacture of twistless or substantially twistless yarn and yarn manufactured by the application of that method. |
| 93. | 143905 | 02-04-1975 | METALLGESELLSCHAFT AG., 6, Frankfurt, AM. Reuterweg, 14, West Germany. | Process for the direct reduction of iron oxide containing materials in a rotary kiln. |
| 94. | 143906 | 07-05-1976 | C.S.I.R., Rafi Marg, New Delhi, India. | Process for electrochemical preparation of beta phenyl ethylamine hydrochloride from benzyl cyanide. |
| 95. | 143911 | 22-10-1975 | RHEINISCH-WESTFALISCHES ELEKTROIZITATSWERK AG., 43, Essen, Krupstrasse 5, West Germany. | Preparation of synthetic manganese dioxide. |
| 96. | 143912 | 24-11-1975 | LOHJA Ab., 8700 Virkkala, Finland. | Process and apparatus for producing compound thin films. |
| 97. | 143915 | 10-12-1975 | ARBROOK INC., 2500 Arbrook, Boulevard, Arlington, Texas, U.S.A. | Method of treating medical and surgical instruments, household objects to render them sterile. |
| 98. | 143935 | 08-03-1977 | CONTINENTAL CARBON CO., 4120, South West, Freeway, Houston, Texas, 77027, U.S.A. | Method and apparatus for the combustion of waste gases. |
| 99. | | | | |
| 100. | 143956 | 18-09-1975 | CHINOIN GYOGYSZERI ES VEGYESZETI TERMEKAK GYARA RT. TO-UTCA 1—5, Budapest IV, Hungary. | Preparation of N-(2-benzhydryl ethyl)—N-(1-phenyl ethyl)—amine and pharmaceutically acceptable salts thereof. |
| 101. | 143962 | 04-05-1976 | INDIAN SPACE RESEARCH ORGANISATION, Department of Space 'F' Block, Cauvery Bhavans, Distt: office Road Bangalore, 560009, India. | Production of hydrocarbons from vegetable oils. |
| 102. | 143968 | 12-08-1974 | CIBA GIEGY OF INDIA LTD., Aarey Road, Goregaon East Bombay-400063, Maharashtra, India. | Process for the manufacture of nitroimidazoles. |
| 103. | 143969 | 12-08-1974 | Do. | Process for the manufacture of nitroimidazoles. |
| 104. | 143982 | 17-11-1975 | HOECHST AG., 6230, Frankfurt/Main 80, W. GERMANY. | Liquid preparation of reactive dyes. |
| 105. | 143985 | 28-04-1976 | C.S.I.R., Rafi Marg, New Delhi, India. | Synthesis of substituted-2-naphthylidides as cestocidal agents. |
| 106. | 143986 | 29-04-1976 | METALLGESELLSCHAFT AG., 16 Frankfurt Reuterweg., 14, West Germany. | Production of gas from solid fuels. |
| 107. | 143987 | 24-12-1974 | TAKEDA CHEMICAL INDUSTRIES LTD., 27 Dash Oma chi 2, chome Higushiku, Osaka, Japan. | Preparing cephalosporin derivatives. |
| 108. | 144020 | 30-09-1975 | HOECHST AG., 6230 Frankfurt/Main 80, W. Germany. | Preparation of a novel water soluble benzoxanthene and benzothioxanthene compounds. |
| 109. | 14025 | 19-02-1977 | I.C.I. LTD., Imperial Chemical House, Millbank, London SW1, England. | Process and apparatus for treatment of waste water. |
| 110. | 144027 | 14-04-1977 | LUBRIZOL CORPORATION., Box 17100, Euclid Station, Cleveland, Ohio 44117, U.S.A. | Process for preparing magnesium containing complexes. |
| 111. | 144044 | 19-12-1974 | MIDREX CORPORATION, One NCNB Plaza, Charlotte, North Carolina, 28280, U.S.A. | Process for reducing iron oxide to metallic sponge iron with liquid or solid fuels. |

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| 112. | 144061 | 21-07-1976 | NORDMARKWERKE GMBH, Hamburg Werk Vetersen/Holstin in D-2082, Vettersen West Germany. | Production of new oxazolidinones. |
| 113. | 144063 | 11-06-1974 | UNION CARBIDE CORPORATION, 270 Park Avenue, New York State of New York, 10017, U.S.A. | Catalytic process for the preparation of polyhydric alcohols and derivatives thereof. |
| 114. | 144093 | 25-08-1976 | TOYOMA CHEMICAL CO. LTD., 1-18, Kayabacho, Nihonbashi chuoku, Tokyo, Japan. | Process for producing novel penicillins and cephalosprins. |
| 115. | 144109 | 01-12-1975 | LINDE AKTIENGESSELLSCHAFT, Abraham-Lincoln, Strasse-21, D-62, Wiesbaden, West Germany. | Separation of hydrogen and carbon dioxide in a process for the production of hydrogen and carbon dioxide. |
| 116. | 144118 | 11-07-1975 | Dr. C. OTTO & COMP. GMBH., Bochum, West GERMANY. | Slag bath generator adapted to operate under pressure. |
| 117. | 144119 | 03-09-1975 | HOECHST AG., 6230, Frankfurt/Main 80, West Germany. | Composition of matter comprising of dyestuff pigment or optical brightener and a condensation product of alkyl- naphthalene and sulfonic acid and formal- dehyde. |
| 118. | 144120 | 30-09-1975 | HOECHST AG., 6230, Frankfurt/Main 80, W. Germany. | Process for the dyeing and printing of synthetic polyamides. |
| 119. | 144126 | 16-06-1976 | CHINOIN GYOGYSZER, E 5 Vegyes- zeti, Termek, Gyara QT., To Utca, 1-5, Budapest IV, Hungary. | Preparation of new malonic esters. |
| 120. | 144135 | 23-09-1975 | H.L.S. Ltd., INDUSTRIAL ENG. CO., Petah, Tikva, Israel. | Process for separating oils and fats into liquid and solid fractions. |
| 121. | 144144 | 22-07-1975 | GENERAL ELECTRIC CO., 1 River Road, Schenectady, New York, U.S.A. | Method of producing silicon iron sheet material with boron additives. |
| 122. | 144147 | 29-07-1975 | C.S.I.R. Rafi Marg, New Delhi, India. | Electrochemical preparation of O-tolui- dine sulphate from O-nitrotoluene. |
| 123. | 144150 | 10-10-1975 | ZAKLADY AZOTOWE IM F. DZIER- ZYNSKIEGO., Tarnow, ul Lipowa 23-101 Tarnow, Poland. | Method for oxidation of hydro-carbons in the liquid phase under pressure by oxygen containing gases preventing disturbances and/or effects of distur- bances in the reaction system. |
| 124. | 144152 | 06-11-1975 | METALLSESELLSCHAFT AG., 16, Frankfurt AM Reuterweg 14, West Germany. | Gravity separation process for removing tar from an aqueous condensate, condensate. |
| 125. | 144157 | 16-06-1976 | JOHNSON & JOHNSON, 501, George St. New Brunswick, New Jersey, U.S. A. | Preparing digestive enzyme composition. |
| 126. | 144179 | 21-08-1974 | DR. C. OTTO & COMP. GMBH., Bochum, West Germany. | Preparing gases free of ammonia hydro- gen sulphide and hydrocyanic acid from gases which contain these sub- stances. |
| 127. | 144191 | 23-09-1976 | C.S.I.R., Rafi Marg, New Delhi, India. | Electrochemical production of 2-hydroxy para aminobenzoic acid from 2- hydroxy-p-nitrobenzoic acid. |
| 128. | 144206 | 07-05-1976 | (1) METALLGESELLSCHAFT AG., Reuterweg 14, D-16, Frankfurt AM Main, West Germany. (2) CHEMIE LINZ AG., 4021,, Linz- st. Peterstrasse, 25, West Germany. | Continuous process of recovering pure concentrated ammonia. |
| 129. | 144216 | 09-05-1975 | EL DU PONT DE NEMOURS & Co., Wilmington, Delaware U.S.A. | An oriented filament of polyester and a method of making same. |
| 130. | 144219 | 28-10-1975 | METALLGESELLSCHAFT AG., 16 Frankfurt/AM. Reuterweg, 14 West Germany. | Process of separating and recovering solids and clear liquid phase from dispersions. |
| 131. | 144220 | 27-04-1976 | HOECHST AG., 6230 Frankfurt/Main 80, W. Germany. | Preparation of 5 acetoacetyl amino benzimidazolone. |

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| 132. | 144221 | 27-04-1976 | HOECHST AG., 6230 Frankfurt/Main 80, W. Germany | Preparation of N-acetoacetyl-2, 5-dimethoxy-4-chloranilide -5 |
| 133. | 144228 | 31-08-1976 | COMBUSTION ENG., INC., 1000 Prospect Hill Road, Windsor, Connecticut, U.S.A. | System for extracting heat from the combustion gases being exhausted from the furnaces of a steam generator. |
| 134. | 144241 | 29-05-1976 | PHILLIPS PETROLEUM CO., Bartlesville, State of Oklahoma, U.S.A. | Production of microbial cells useable as food source. |
| 135. | 144252 | 02-12-1974 | MONSANTO COMPANY., 800 North Lindbergh, Boulevard, St. Louis, Missouri, 63166, U.S.A. | Preparing novel bisphosphine compounds. |
| 136. | 144264 | 30-07-1975 | SNAMPROGETTI S. P. A., 16 Corso, Venezia, Milan, Italy. | Production of polyiminoalanes. |
| 137. | 144277 | 17-05-1976 | CIBA-GIEGY OF INDIA LTD., Aarey Road, Goregaon (E), Bombay 400063, Maharashtra, India. | Process for the production of novel hetero-cyclic compounds. |

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

| | |
|--|------------------------------------|
| 106066 119989 | } M/S. G. L. Wallis & Son Limited. |
| 145357 145332 145356 143790 140849 105795 | |
| | } M/S. Kennecott Corporation. |

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

| No. | Title of the invention |
|--------------------|--|
| 143649 (15.09.76) | A process for the preparation of cholesterol from the brain of goat, sheep and buffalo. |
| 143791 (06.02.75) | Process for producing carbon black. |
| 143799 (02.11.74) | Process for the preparation of catalyst composition especially useful for preparation of unsaturated acids. |
| 143805 (23.11. 76) | Process for decaffeination of vegetable materials. |
| 143813 (07.08.76) | Process for the manufacture of highly concentrated phosphoric acid. |
| 143841 (28.05.77) | Process for the preparation of cisclomiphene citrate and transclomiphene citrate in the ratio of 3 : 2. |
| 143854 (03.07.75) | Process of putifying gases produced by a gasification of solid fossile fuels by treatment with water vapour and oxygen under super-atmospheric pressure. |
| 144160 (16.12.74) | An improvement in a process for the preparation of polycarbonates. |
| 144289 (17.11.76) | Process for preparing new 6-aryl-S-triazolo-(4, 3a)-pyrido (2, 3-f)-1, 4-diazepines. |

RENEWAL FEES PAID

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|--------|--------|--------|--------|--------|--------|--------|--------|
| 110209 | 110482 | 110650 | 110562 | 110866 | 111192 | 111645 | 115587 |
| 115729 | 120191 | 120276 | 120291 | 120456 | 121189 | 121253 | 121392 |
| 121600 | 125562 | 125907 | 125984 | 126509 | 126520 | 126529 | 126560 |
| 126800 | 126815 | 127856 | 130560 | 130698 | 131239 | 131242 | 131328 |
| 131405 | 131429 | 131458 | 131502 | 134552 | 135042 | 135555 | 135735 |
| 135784 | 135859 | 135932 | 136133 | 136134 | 136142 | 136377 | 136486 |
| 136652 | 136760 | 137017 | 137120 | 137260 | 137631 | 138035 | 138370 |
| 138592 | 138814 | 138822 | 139231 | 140022 | 140740 | 140786 | 141217 |
| 141289 | 141354 | 141382 | 141446 | 141476 | 141694 | 141886 | 141923 |
| 142009 | 142023 | 142072 | 142317 | 142678 | 142790 | 142798 | 143137 |
| 143186 | 143292 | 143366 | 143562 | 143571 | 143574 | 143674 | 143776 |
| 143794 | 143820 | 143924 | 144498 | 144564 | 144694 | 144725 | 144767 |
| 144776 | 144788 | 145106 | 145199 | 145251 | 145492 | 145825 | 146078 |
| 146084 | 146129 | 146157 | 146177 | 146351 | 146361 | 146446 | 146558 |
| 146839 | 146884 | 146932 | 147028 | 147067 | 147100 | 147142 | 147158 |
| 147543 | 147611 | 147670 | 148208 | 148269 | 148369 | 148475 | 148478 |
| 148501 | 148513 | 148524 | 148540 | 148591 | 148605 | 148630 | 148834 |
| 148836 | 148857 | 148867 | 148868 | | | | |

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 107292 dated the 1st October, 1966 made by Exxon Research and Engineering Company on the 24th May, 1980 and notified in the Gazette of India, Part-III, Section 2 dated the 17th October, 1981 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 111300 dated the 28th June, 1967 made by Jahar Lal Bose on the 22nd April, 1981 and notified in the Gazette of India, Part III, Section 2 dated the 24th Oct., 1981 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 122536 dated the 30th July, 1969 made by Exxon Research and Engineering Company on the 17th June, 1980 and notified in the Gazette of India, Part III, Section 2 dated the 17th Oct., 1981 has been allowed and the said patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 135954 dated the 27th April, 1972 made by Shyam Sundar Ghosh on the 25th April, 1981 and notified in the Gazette of India, Part-III, Section 2 dated the 24th October, 1981 has been allowed and the said patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 146163 dated the 26th April, 1976 made by Dana Corporation on the 24th April, 1981 and notified in the Gazette of India, Part III, Section 2 dated the 17th Oct., 1981 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

- Class 3. No. 151115. Hongkong International 52/37, Ramjas Road, Karol Bagh, New Delhi 110005, India a partnership firm, "Children's Indoor Game". August 22, 1981.
- Class 3. No. 151063. Sonu Garments Private Ltd., K-52, Connaught Circus, New Delhi-110001, "Flexible Multiplier". August 6, 1981.
- Class 3. No. 151479. Top In India Plastics, 6C Thacker Industrial Estate, 3rd Floor, Near Sitaram Mills, N. M. Joshi Marg, City of Bombay State of Maharashtra India, "JUCS", January 16, 1982.
- Class 3. No. 151080. Dolly Plastic Industries, 13/14, Deputy Ganj, Sadar Bazar, Delhi-110007, An Indian Partnership concern "Jar". August 10, 1981.
- Class 3. No. 151081. Sigma Industries Corporation, A-63/3, G.T. Karnal Road Industrial Area, Delhi-110033, India, an Indian Partnership Concern, "Mat for automobiles". August 10, 1981.
- Class 3. No. 151083. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm. "Key Chain". August 11, 1981.
- Class 3. No. 151085. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm. "Table Calender". August 11, 1981.
- Class 3. No. 151086. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm, August 11, 1981.
- Class 3. No. 151087. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm. "Mirror Stand". August 11, 1981.
- Class 3. No. 151088. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm. "Paper Weight". August 11, 1981.
- Class 3. No. 151089. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm, "Ash Tray". August 11, 1981.
- Class 3. No. 151304. Vinod Plastic Industries Private Ltd., 56-B, Rama Marg, Najafgarh Road, Industrial Area, New Delhi 15, an Indian Company. "Sole for Footwear". November 3, 1981.
- Class 3. No. 151305. Vinod Plastic Industries Private Ltd., 56-B, Rama Marg, Najafgarh Road Industrial Area, New Delhi-15, an Indian Company. "Sole for Footwear". November 3, 1981.
- Class 3. No. 151029. Elys Chemical Laboratories Private Limited, a private limited company incorporated under the Indian Companies Act, having its registered office at 201-B, Poonam Chambers, Dr. Annie Besant Road, Worli, Bombay-400018, Maharashtra, India. "Container". July 25, 1981.
- Class 3. No. 151028. Elys Chemical Laboratories Private Limited, a private limited company incorporated under the Indian companies Act, having its registered office at 201-B, Poonam Chambers, Dr. Annie Besant Road, Worli, Bombay-400018, Maharashtra, India. "Blood Administration Set". July 25, 1981.
- Class 3. No. 151025. Anjali Products, 170 Bombay Talkies Compound, Malad (West), Bombay-400064, State of Maharashtra, India. "A Three-in-one (Chipping, Peeling and Scraping) Chipser made of plastic". July 24 1981.
- Class 3. No. 151008. Papatlal Ranamal Shah an Indian citizen trading as plastex, an Indian sole Proprietary concern, of A to Z Industrial Estate, Unit No. 345, 3rd Floor, Fergusson Road, Lower Parel, Bombay-400013, BC, Maharashtra, India. "Spray Pump". July 17, 1981.
- Class 3. No. 151024. Anjali Products, 170, Bombay Talkies Compound, Malad (West), Bombay-400 064, State of Maharashtra, India. "A Vegetable, Fruits Scraper-cum-Juicer made of Plastic". July 24, 1981.
- Class 3. No. 151023. Anjali Products, 170, Bombay Talkies Compound, Malad (West), Bombay-400 064, State of Maharashtra, India. "A Two-way Chip-ser made of plastic". July 24, 1981.
- Class 3. No. 151013. Automats (India) 2-A, Sindhu House, Nanabhai Lane, Fort, Bombay-400002, Maharashtra an Indian partnership Firm. "Autoroll". July 21, 1981.
- Class 3. No. 151007. Papatlal Ranamal Shah an Indian citizen trading as Plastex, an Indian sole Proprietary concern, of A to Z Industrial Estate, Unit No. 345, 3rd Floor, Fergusson Road, Lower Parel, Bombay-400013 BC, Maharashtra, India. "Spray Pump." July 17, 1981.
- Class 3. No. 150969. Phiroze Sethna Private Limited, a Private Limited Company incorporated under the Indian Companies Act having its registered office at Royal Insurance Building, 14, Jamshedjitata Road, Bombay-400 020, Maharashtra. "Freshner for Refrigerator". July 7, 1981.
- Class 3. No. 150960. Amtrax Investments Pvt. Ltd., 418, Dalmal Tower, Nariman Point, Bombay-400 021, Maharashtra State, India. "Front Grill of Air Conditioner/Cooler". June 30, 1981.
- Class 3. No. 151331. Kishor Premjibhai Dedhia, an Indian National of Raji Building, B-Wing, Block No. 37, Ratilal Bechardas Mehta Road, Ghatkopar, 400 077, City of Bombay, State of Maharashtra, India, "Electric Irons", November 12, 1981.
- Class 3. No. 151388. Ossa Products, 13, Aziz Estate, 286, —B.S.G. Barve Marg, Kurla West, Bombay-400070. State of Maharashtra, India. "A Cap for Bottle". December 7, 1981.
- Class 3. No. 151362. Kusum Kumar Arora, Gurbax Rai, Sudershan Kumar Malhotra and Satya Vati Malhotra, India, Partners trading as Narain Sales Organization, Bazar Kathian, Amritsar (Punjab) India. "Container". November 24, 1981.
- Class 3. No. 151361. Central Footwear Company, an Indian partnership concern. J-23, Udyog Nagar (near Nangloi), Rohtak Road, Delhi. "Shoe". November 24, 1981.
- Class 3. No. 151360. Praga Die Casting & Metal Industries, a Registered partnership Firm, is A/31, Laghu Udyog Kendra, I.B. Patel Road, Goregaon (East) Bombay-400063, Maharashtra, India. "Frix a Baby Fridge Toy". November 24, 1981.
- Class 3. No. 151068. Ashish Enterprises, an Indian Sole Proprietors firm of 303 Cawasji Hormusji Street